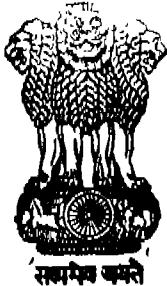


# The Gazette of India



## PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, MARCH 26, 1960 (CHAITRA 6, 1882)

Separate paging is given to this Part in order that it may be filed as a separate compilation

### PART III—SECTION 2

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

###### Patents and Designs

Calcutta, the 26th March 1960.

###### Special Notice

The following Group of abridgments of Patent Specifications has been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re.1/- per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

Group XXX — Lamps and candles.

(Containing Abridgments of Patent Specifications between Nos. 35,001 and 40,000).

###### CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 12th March 1960.

In page 72, column 2, under the heading "Patents Sealed" delete "No. 67689".

###### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

10th March 1960

71029. Andre Wilkinson Furtado. An improved variable speed control device.

71030. Baldwin Pareira. A Body-building Apparatus.

71031. Commissariat A L'Energie Atomique. Process and apparatus for controlling a counter-current electro-migration installation.

71032. Normacem. Improvements in rotating electric machines having axial air-gap. (5th February 1960).

71033. Dunlop Rubber Company Limited. Improvement relating to Resilient Materials.

71034. E. K. Cole Limited. Improvements in or relating to Inductance Coil Assemblies. (8th April 1959).

71035. Ciba Limited. Process for the manufacture of Addition Products of Nicotinic Acid Diethylamide.

11th March 1960

71036. Subrao Mangeshrao Nilekani. Solar Heater.

71037. Vaisala Oy. Radiosonde.

71038. C. F. Boehringer & Soehne G.m.b.H. New Sulphonamides and process of Making same.

71039. Compagnie De Saint-Gobain. An improved method of Siliconising a Vitreous Surface.

71040. Deutsche Akademie. Concentration of Deuterium by a chemical interchanging process.

71041. Deutsche Akademie. Process for the concentration of the carbon or sulphuric isotope.

12th March 1960

71042. Merck & Co. Inc. Process for preparing an Alkali Metal Salt of a Steroid 21-Dihydrogen Phosphate (21st September 1957). [Divisional Date 14th July 1958].

71043. Merck & Co. Inc. Process for preparing a water-insoluble zinc salt of a steroid-21-Dihydrogen phosphate ester. (21st September 1957). [Divisional date 14th July 1958].

71044. International Computers and Tabulators Limited. Improvements in or relating to Information Storage Devices. (3rd April 1959).

71045. International Computers and Tabulators Limited. Improvements in or relating to Information Storage Apparatus. (3rd April 1959).

71046. Girling Limited. Improvements Relating to Disc Brakes for Vehicles.

71047. Imperial Chemical Industries Limited. Heterocyclic Compounds. (13th April 1959).

71048. Joseph Pasqualini. Improved Aerial Target. (13th March 1959).

71049. Ciba Limited. New Glycidyl Ethers and Process for their Manufacture.

71050. Massey-Ferguson Inc. Improvements relating to Mechanical Diggers and the Like.

71051. Massey-Ferguson Inc. Improvements relating to Mechanical Diggers and the Like.

14th March 1960

71052. Raman Padmanabhan Nair. Pneumatic Joints.

71053. Shell Internationale Research Maatschappij N. V. Gasoline composition.

71054. Cartiera Italiana S.p.A. Filtering Element. (18th March 1959).

71055. Dunlop Rubber Company Limited. Wheels. (24th March 1959).

71056. Glaenzer Spicer Societe Anonyme. Improvements in or relating to universal flexible coupling devices.

71057. J. R. Geigy A.G. Process for the production of monoazo dyestuffs.

71058. Dr. Karl Thomae G.m.b.H. Process for the preparation of basic substituted carbinols. (21st March 1959).

71059. M. Kiratrai. Ammonia Absorption System for 1.75 Cubic Feet Refrigerator.

71060. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements Relating to Catalysts.

71061. The Cross Company. Drive for Machine Tools.

71062. Kautex-Werk Reinold Hagen. Warm Actuated Extrusion Press.

71063. Council of Scientific and Industrial Research Production of Bacterial Protease by Submerged Culture.

15th March 1960

71064. Edward George Perkins. Improved method of manufacturing open cellular structure for heat and cold insulation.

71065. Shivmurthy Nurundyya Math. An improved device for manufacturing number plates of Motor cars and the like.

71066. Texas Butadiene & Chemical International Ltd. Polymer and Method of Making Same.

71067. Allmanna Svenska Elektriska Aktiebolaget. Winding Device for Strip-formed Material.

71068. Fuller Electric Limited. Improvements in on-load selector switches for tapped transformers. (17th March 1959).

71069. Imperial Chemical Industries Limited. Improvements in or relating to the Manufacture of Polymeric Materials (31st March 1959).

71070. Ciba Limited. Process for the manufacture of Ox-diazoles.

71071. A. H. Bland (Engineers) Limited. Improvements in or relating to Punching and Cutting Equipment. (16th March 1959).

71072. Paul Ratliff Harris. Expansion Units for Synthetic Plastic Pipes.

71073. Hokkaido Tanko Kisen Kabushiki Kaisha. Method of Manufacturing Ammonium Nitrohumate.

71074. Lepetit S.p.A. Tropine Esters. (16th March 1959).

71075. Franz Muller Maschinenfabrik K. G. and Hans Jager. Method of and Apparatus for the Wet Treatment, for Example Dyeing, of Textile Threads or the like.

71076. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to semi-conductor devices. 10th April 1959.

71077. Continental Oil Company. Preparation of Stable Alkaryl Sulfonates.

16th March 1960

71078. Dr. Satyendra Nath Dutt. Improvements in and relating to the key board and manufacture of Bengali, Devnagri and other vernacular typewriters.

71079. M. G. Desai. An improved automatic electric cigarette and the like lighter.

71080. Shell Research Limited. A process for the production of aviation fuels. (18th March 1959).

71081. Shell Internationale Research Maatschappij N. V. Soil stabilization.

71082. The Norwich Pharmacal Company. Agronomical Practice and a new series of Compounds used therein.

71083. Nydqvist & Holm Aktiebolag. Procedure for the Manufacture of Turbine Blades.

71084. Aktiebolaget Bofors. Loading Tray for Recoiling Firearms.

71085. Aktiebolaget Separator. A method for sterilization of heat exchangers and a heat exchanger adapted therefor.

71086. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for oxidizing olefins containing at least 3 carbon atoms to aldehydes and ketones. (Addition to No. 64500).

71087. Fritz Otto Meissner Heribert Ottmar Arthur Meissner. Improvements in or relating to Filling a Hollow Element with Liquid. (21st December 1959).

71088. Metallbau A.G. Warp-Beam Drive.

71089. Asahi Kasei Kogyo Kabushiki Kaisha. Process for making Hollow Viscose Yarns.

71090. George Asa Crowe, Jr. and Oliver Samual Plantinga. Bandage.

71091. Emil Pester. Flat Knitting Apparatus.

**Alteration of Date**

65235. Post-dated to 4th September 1959 under Section 5 of the Act.

### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

64391. B. S. Chothia. Improving the efficiency of commercial carburettors by rectifying some of the inherent deficiencies in such carburettors and thereby effecting greater economy of fuel consumption, as also for providing an improved method of lubricating the upper-cylinders of engines. Accepted on 16th March 1960.

*A closed vertical cylinder with air vents bored into the stem of its upper cap as also along its sides with a floating piston inside such cylinder.*

64587. Sandoz Ltd. Optically active 3-mercaptophenthiazine derivatives. (30th June 1958). Accepted on 15th March 1960.

*Reacting 3-methylmercapto-phenthiazine with (-)-2-(N methyl-piperidyl-2')-1-chloroethane.*

64749. Ciba Limited. New Halogen pregnenes and a process for their manufacture. Accepted on 15th March 1960.

*Treating pregnane compound with hydrochloric acid.*

64903. G. M. Pfaff AG. Improvements relating to thread guide systems in sewing machines. Accepted on 11th March 1960.

*An arcuate-shaped element extending from a part of presser foot to an extent and in a plane located intermediate the path of movement of the needle and take-up lever.*

65175. S. A. FINANCIERE DES APPLICATIONS DE L'ÉLECTRICITÉ, Improvement in reflectors for electric lamps. Accepted on 9th March 1960.

*Comprises facets intended to distribute in space the light flux emitted by a source.*

65186. Union Des Verreries Mecaniques Belges Societe Anonyme. Process and apparatus for charging shaft furnaces and the like. Accepted on 10th March 1960.

*Charge is subjected during its introduction into the furnace to a conversion into granules by agglomeration in two consecutive stages.*

65188. The Babcock & Wilcox Company. Improvements in or relating to Forced-flow Vapour Generators. Accepted on 10th March 1960.

*Including a tubulous wall which is adapted to receive heat from high temperature gases and comprises groups of upright tubes.*

65195. Sandoz Ltd. Improvements in or relating to diphenylamines. (27th June 1958). [Addition to No. 59746]. Accepted on 10th March 1960.

*Condensing secondary amine with piperidine derivative.*

65220. Societe chimique De La Grande Paroisse (Azote et Produits Chimiques). Reaction furnace for the execution of exothermic reactions between gases under high pressure. Accepted on 11th March 1960.

*Characterized by first heat-exchanger surrounding the reaction chamber to provide for exchange of heat between the gases and by a second heat-exchanger surrounding the first heat exchanger to produce an exchange of heat between the gases.*

65229. L. M. Chakradeo, M. L. Chakradeo, P. C. Chakradeo, S. L. Chakradeo, P. L. Chakradeo, V. L. Chakradeo and U. L. Chakradeo. An improved method of reducing shocks and sounds at rail joints. Accepted on 10th March 1960.  
*Cutting of slabs of uniform thickness from each of two rail-head ends to be joined thereby making a slant edge in one of rail-head end and a complementary piece for the gap produced.*

65235. K. R. Bhandarkar. An instrument for use as an ancillary equipment for Marine Radar set and for like purposes. Accepted on 14th March 1960.  
*Comprising an internally illuminated box, a graph sheet marked in range circles and radial lines and an azimuthal calibration marking system with the bottom half sheet marked as time range graph, a centrally pivoted transparent linked parallel rules and a thin translucent perspex disc.*

65236. Messrs. Knoll Aktiengesellschaft Chemische Fabriken. Process for the preparation of basic derivatives of Salicylamide forming easily water soluble salts. Accepted on 15th March 1960.  
*Condensing salicylic acid with diamine.*

65253. Schaku Scharfenbergkupplung G.m.b.H. Coupler Head Casing for Automatic Centre Buffer Couplings. Accepted on 15th March 1960.  
*With pyramid shaped projection and corresponding recess or funnel in the buffering surface.*

65257. Rathindra Nath Ghosh Dastidar. Fatigue Alarm. Accepted on 15th March 1960.  
*Including a container with an opening for discharge of fluid from it, means for operating an alarm signal after a particular quantity of fluid has escaped, and after a further particular discharge of fluid, engine is braked and/or fuel or current supply to the same is cut off.*

65258. Zavody V. I. Lenina, Narodni Podnik. An oscillating prop with rounded off extremities, for use between two machine elements. Accepted on 14th March 1960.  
*Oscillating prop with rounded off extremities engaging with bearing surface of two machine elements with resilient rings below its prop heads and prop heads accommodated in a casing fixed to one machine element and means for adjusting pressure between rounded off extremity of the prop head and corresponding bearing surface of the machine element.*

65259. Zavody 9, Kvetna, Narodni Podnik. A successive gear-changing device in conjunction with a selector for motor vehicles. [Addition to No. 63276]. Accepted on 15th March 1960.  
*Selecting gate formed as a portion of cylindrical jacket which by support arms and hubs is mounted on shifting shaft and to one of the hubs is attached a carrying device actuated by transmission means from a selector.*

65265. N.V. De Bataafsche Petroleum Maatschappij. Process and apparatus for the preparation and transport of sand asphalt. Accepted on 15th March 1960.  
*Sand and water are brought into continuous motion so that a suspension of the same is formed, a quantity of bitumen emulsion is added to the same to serve as a coating composition.*

65267. N. V. De Bataafsche Petroleum Maatschappij. Process for preparing 1, 2, 3, 4, 7, 7-Hexachlorobicyclo (2, 2, 1)-heptadene-2, 5 (compound). Accepted on 16th March 1960.  
*Reacting hex with acetylene and the resulting solution is compressed without increasing the temperature and then heating the solution until desired degree of conversion takes place.*

65269. Westinghouse brake & Signal Company Limited. Improvements Relating to Direct Release Triple valve device for compressed fluid braking apparatus. (25th September 1957). Accepted on 14th March 1960.  
*The application release and quick service valves are formed as resiliently seating lift valves operated by a single movable pressure sensitive element subject on its opposite sides to brake pipe pressure and auxiliary reservoir pressure.*

65271. American Cyanamid Company 5-alkyl-2-p-halobenzene-sulfonadido-1, 3, 4-thiadiazoles and method of preparing same. (24th July 1958). Accepted on 15th March 1960.  
*Reacting 2-amino-5-alkyl-1, 3, 4-thiadiazole with-p-halobenzene sulfonyl halide.*

65303. Olin Mathieson Chemical Corporation. Purification of Cyanocobalamin. Accepted on 15th March 1960.  
*Steps comprising adding a phenol to an aqueous solution of vitamin B-12 activity concentrate of fermentation origin and recovering crystalline phenol-cyanocobalamin complex from the resulting solution.*

65335. Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. Process for making Pure Aluminium Oxide. Accepted on 16th March 1960.  
*Reduction is effected at a temperature higher than 2000°C and in the presence of a fixed and controlled excess of carbon.*

65342. Minnesota Mining and Manufacturing Company. Electrolytic Electrophotographic Apparatus. Accepted on 16th March 1960.  
*Comprises in combination, means for providing strongly conductive image areas in a copy sheet, means for providing an electrolytic developer material over the copy sheet, and means for electrolytically developing an image on the copy sheet.*

65390. Farbenfabriken Bayer Aktiengesellschaft. Process for Dyeing and Printing Textile Materials Containing Hydroxyl Groups. (14th July 1958). Accepted on 16th March 1960.  
*Hydroxyl groups which comprises applying to these materials dyestuff free from sulphonic acid and carboxylic acid.*

65474. The Pruthivi Trust. Improvement in and relating to antiseptic. Accepted on 16th March 1960.  
*Thymol is dissolved in carbolic acid and/or cresylic acid and beta naphthol dissolved in acetone is added to the sulphated fatty oil and the mixture is clarified by adding caustic soda.*

65559. Westinghouse Brake and Signal Company Limited. Improvements relating to vigilance Control Apparatus for Automotive Railway Vehicles. (23rd October 1957). [Addition to No. 64852]. Accepted on 10th March 1960.  
*A warning means is electrically operated under the control of electrical contact which together with electrical contacts controlling electromagnetically operated brake application serving to initiate a brake application in emergency.*

65590. The Upjohn Company. Fungicidal Composition. Accepted on 14th March 1960.  
*Comprising pentachloronitrobenzene and cyclohexanamide.*

65591. The Upjohn Company. Compounds. Accepted on 14th March 1960.  
*Anaerobically cultivating streptomyces hygroscopicus in aqueous nutrient medium or isolating antibiotic formed.*

65592. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements relating to Concentrated Urea-Formaldehyde Solutions. Accepted on 15th March 1960.  
*Absorbing gaseous formaldehyde in aqueous urea solution at a pH of from 7 to 9.*

65602. Societe D'Applications Industrielles Plastiques. Improved Phonograph Records. Accepted on 16th March 1960.  
*Central part comprises at least two slots which cross each other in the geometrical centre of the sound track.*

65697. C. R. Gupta. An improved Lubricating device for Journal bearings for Railways. Accepted on 10th March 1960.  
*A circular disc is securely attached to the axle end having its bottom segment sub-merged in the lubricating oil stored in axle box, and is provided a lubricating oil stripping off bracket.*

65770. F. L. Smidh & Co. A/S. Improvements relating to Apparatus for Conveying Material in Bulk. (11th November 1957). Accepted on 12th March 1960.  
*Comprising a stationary support formed with openings large enough to allow gas to pass through them and into and through the material.*

65777. Council of Scientific and Industrial Research. A new process for the production of 4-hydroxy-carbosytrils. Accepted on 15th March 1960.  
*Reacting aromatic amino compound with malonic acid.*

65779. Council of Scientific and Industrial Research. A process for the production of hydrogen sulphide from gypsum. Accepted on 15th March 1960.  
*Reducing gypsum with coal, lignite or coke at 800°C and passing steam over calcium sulphide so formed at 600°C.*

65841. Davinder Kumar Dhand. An Improved Steel Yard. Accepted on 16th March 1960.  
*Pivoting graduated scale on knife edge projecting from horizontal member at top and having means for suspending the latter, means to indicate that it is horizontal, means to adjust same to horizontal position and means to limit angular displacement of graduated scale at the free end.*

65868. Gelusema Anstalt, Vaduz. Improvements in or relating to Process of and Apparatus for Injection-Moulding of Self-Hardening Synthetic Resins. Accepted on 14th March 1960.  
*Synthetic resin is held separate from an moved body defining surfaces by flexible means which are non-reactive with respect to the self-hardening synthetic resin throughout the range.*

66012. Habeeb Gulamhussain Alladin. Planetary Type Windmill. Accepted on 15th March 1960.  
*Plurality of radial arms extending from a central vertical axis and carrying airfoils at their ends.*

66177. American Cyanamid Company. Deoxyanhydrotetracyclines. (17th October 1958). Accepted on 16th March 1960.  
*Treating 12 $\alpha$ -deoxytetracycline with dehydrating agent.*

66178. American Cyanamid Company. Production of Compounds of the Tetracycline Series (17th October 1958). Accepted on 16th March 1960.  
*Reducing corresponding tetracycline antibiotic having a 12 $\alpha$ -hydroxy substituent with a reducing agent.*

66199. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in or relating to Phenthiazine Derivatives. Accepted on 15th March 1960.  
*A phenthiazine is reacted with a compound to introduce an alkyl-piperazinyl amide group into the phenthiazine ring.*

66204. Brotherton & Company Limited. Improvements in or relating to Composite Pigments. (24th December 1957). Accepted on 15th March 1960.  
*Comprises zinc oxide and zinc titanate in proportions such that the ratio of titanium to whole of zinc does not exceed 10 per cent by weight.*

66423. N V. Philips Gloeilampenfabrieken. Improvements in or relating to Circuit Arrangements for giving a Signal when the Current Strength of a Pulse produced in a Conductor has a value which does not lie within a Certain Interval. Accepted on 10th March 1960.  
*The arrangement containing two cores of a rectangular magnetic material, each core being provided with an input winding traversed by the current pulse to be tested, a reading out winding traversed by a reading out pulse, an output winding producing the signal, and, as the case may be, an adjusting winding and a reset winding.*

66424. N. V. Philips' Gloeilampenfabrieken. Improvements in or Relating to Circuit arrangements to produce a Sawtooth Current in a Coil and a Direct Voltage. Accepted on 10th March 1960.  
*Using an amplifying element, to which a signal is fed, which releases periodically the said element and wherein the output circuit includes a transformer.*

66472. Chemische Fabrik Schweizerhall. Organic Salts of substituted Quinolines and Process for the manufacture thereof. Accepted on 16th March 1960.  
*Reacting substituted quinoline with substituted benzoic acid.*

66622. Socony Mobil Oil Company, Inc., Well Logging System. Accepted on 15th March 1960.  
*Characterized by control means for applying first and second received pulses, separately, to a common signal channel, and means for delaying transit of second pulse to signal channel for a predetermined time interval.*

66628. American Home Products Corporation. Invention for method for producing Piperazine Derivatives. Accepted on 15th March 1960.  
*Reacting halogenated-propano-N-substituted piperazine with 2-acyl phenothiazine.*

66638. Ciba Limited. Process for the manufacture of Amino-Ketones. Accepted on 14th March 1960.  
*Aldoses are subjected to the Amadori rearrangement to form 1-tertiary amino-1-desoxyketose which is subjected to hydrogenolysis.*

66639. Sir George Godfrey & Partners (Holdings) Limited. Improvements in or Relating to Butterfly Valves. (5th February 1958). Accepted on 10th March 1960.  
*In which the pivot axis of the disc or butterfly is set at an angle to a plane normal to the axis of the bore in which the butterfly valve is arranged.*

66690. Imperial Chemical Industries Limited. Improved Elastomeric Materials. (19th February 1958). Accepted on 16th March 1960.  
*Proportion of polyisolyanate employed is such that there are between 0.5 and 1.0 isolyanate groups per hydroxyl group in the poly ether.*

66740. Forsvarets fabriksstyrelse. Gun carriage. Accepted on 15th March 1960.  
*Characterized by the fixing point of the firing tube in the carriage being located below a joint device movable in all directions.*

66802. Short Brothers and Harland Limited. Improvements in means for supporting a rocket-propelled missile upon a launching platform. (25th February 1958). Accepted on 11th March 1960.  
*Means for supporting the tail of the missile upon a launcher preparatory to discharge comprising a rigid base-member which is adapted for connection to the launcher.*

66809. Fardons' Vinegar Company Limited and J. White. Process and apparatus for the aeration and/or agitation of liquors. (22nd February 1958). Accepted on 14th March 1960.  
*Dispersing gas in the liquor withdrawn from the vessel while causing it to flow downwardly through a confined space and continuously returning liquor in the lower part of the vessel.*

66815. Olin Mathieson Chemical Corporation. Synthesis of Steroids. Accepted on 16th March 1960.  
*Reacting trianecinolone acetonide with alkanoic acid anhydride.*

66909. The Norwich Pharmacal Company. Improvements in or relating to the production of nitrofuran derivatives. (29th May 1958). Accepted on 16th March 1960.  
*Treating 5-nitro-2-furaldoxine with 1-aminohydantoin.*

66974. Standard Telephones and Cables Limited. Improvements in or relating to Rectifier Assemblies. (25th March 1958). Accepted on 10th March 1960.  
*Comprising cooling fins having terminal tags situated thereon in such manner that no tags protrude beyond the edges of the fins.*

67004. W. H. Sanders (Electronics) Limited. Improvements relating to apparatus for reproducing recordings from magnetised tape or wire. Accepted on 10th March 1960.  
*Comprising magnetic reproducing head, a transistor amplifier and an equalising circuit connected across, the output of the head.*

67041. Automatic Telephone & Electric Company Limited. Improvements in or relating to Electromagnetic Relays. (26th March 1958). Accepted on 16th March 1960.  
*Of the mechanical latching type having an armature restoring spring and a contacted spring-set.*

67069. Ciba Limited. Process for Finishing Dyeings. Accepted on 10th March 1960.  
*Produced on nitrogenous fibres in an acid bath with a dyestuff containing at least one mobile halogen atom, wherein the pH value of the dye-bath is raised above 6 when the fibres have absorbed desired quantity of dyestuff.*

67074. Bhojwani Bhagwandas. A game of skill. Accepted on 10th March 1960.  
*Comprising a board having mounted thereon a picture or like, device, a transparent cover for the said board, iron filings in the space between the said cover and the board, and a magnet for moving the iron filings.*

67087. Gulf Research & Development Company. Gravity actuated valves for pressurized dispensers. Accepted on 14th March 1960.  
*A laterally projecting portion or shoulder of body located on the upper part of dispenser and said body having a valve seating surface and a branch passage opening at said seating surface.*

67106. Key & Kramer Asphalt Ruberroid N.V., Asphalt Plates. Accepted on 10th March 1960.  
*Whereof the stretchability of the covering layers of synthetic material is at least equal to that of the layer of asphalt having a high impact resistance,*

67123. Geo. W. King Limited. Improvements in or relating to conveyor systems. (21st March 1958). Accepted on 10th March 1960.  
*Provided with at least two endless driving chains characterised in that the towing flight of one is disposed adjacent the path of the towing flight of the second.*

67141. Economic Foundations Limited. Earth Drilling Equipment. Accepted on 10th March 1960.  
*Basic machine comprises a boom mounted at one and a rotatable guide at the other end, the power transmission means are carried on the boom, include variable speed gears and a reversible clutch.*

67200. Mono Pumps Limited. Containers for Powdered Materials. Accepted on 10th March 1960.  
*The lower part of which is divided into a plurality of compartments by vertical partitions extending of the bottom communicating and outlet and has fluidising means fitted in the floors of said compartments.*

67229. Ciba Limited. Hardenable compositions comprising epoxide compounds and cyclic ethers or thioethers and process for the manufacture of hardened resins. Accepted on 15th March 1960.  
*The composition comprises an epoxide compound a cyclic ether or thioether and a Friedel-Crafts catalyst, or a metal fluoroborate or  $BF_3$ .*

67242. Anstalt Fur Montage-Technik. Percussion Tool. Accepted on 12th March 1960.  
*Wherein a propellant charge is located in between a piston and a thrust member, the position being adjustable at will.*

67286. Mary Kathleen Muriel Mason. An improved building block. Accepted on 12th March 1960.  
*Which is closed by a horizontal web and is open at each end and at least above the web to allow for filling in situ with concrete or the like.*

67300. E. K. Cole Limited. Improvements in or relating to Electronic Pulse-counting Apparatus. (19th April 1958). Accepted on 11th March 1960.  
*Of the type in which the mean rate of arrival of pulses is ascertained in one of the following ways: (1) by measuring the mean voltage developed by the pulses across a capacitor shunted by a resistor, or (2) by measuring the mean current flowing through the shunt resistor.*

67335. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of dibenzazepine derivatives. Accepted on 15th March 1960.  
*Diphenimide is electrolysed in acidulated aqueous medium and, if desired, product is treated with allyl halide.*

67349. The British Oxygen Company Limited. Electric Arc Welding. (21st April 1958). Accepted on 10th March 1960.  
*Spot weld joining two overlapped metal members wherein gas shielded electric arc is struck for a limited duration between one of the members and a nonconsumable electrode, and the arc is moved laterally over the weld pool during welding cycle.*

67368. Oskar Guhring, Alfred Guhring and Max Guhring. Improvements in or relating to machines for grinding the points of twist drills. Accepted on 10th March 1960.  
*Drill carrier formed of upper and lower portions, the former comprising a support for the drill rear end which is adjustable in the direction of drill axis.*

67495. The General Electric Company Limited. Improvements in or relating to Automatic Telephone Systems. (6th June 1958). Accepted on 16th March 1960.  
*Of the kind in which each of a plurality of telephone stations served by an automatic telephone exchange receives its operating current exclusively from that telephone exchange.*

67744. Hoover Limited. Improvements relating to Spin Driers. (27th May 1958). Accepted on 3rd March 1960.  
*Containing means to operate switch and brake on the motor such that when the lid of the drier is opened, the can stops revolving and on closing the lid, the brake is withdrawn and motor is switched on.*

#### Opposition Proceedings

(1)

The opposition entered by T. V. Sundram Iyengar & Sons Private Limited, 'T. V. S. Building', West Veli St., Madurai, Madras State, India, to the grant of an extension of the term of Patent No. 30706 on the petition made by Wingfoot Corporation of U.S.A. and advertised in Part III, Section 2 of the Gazette of India, dated the 30th January 1960 has been treated as abandoned.

(2)

The opposition entered by Southern Roadways Private Limited, 'T.V.S. Buildings', West Veli St., Madurai, Madras State, India to the grant of an extension of the term of Patent No. 30706 on the petition made by Wingfoot Corporation of U.S.A. and advertised in Part III, Section 2 of the Gazette of India, dated 30th January 1960 has been treated as abandoned.

#### Patents Sealed

62827. 62857. 62981. 63551. 63598. 63604. 63612. 63618. 63623. 63629. 63637. 63647. 63648. 63662. 63672. 63697. 63724. 63725. 63900. 63995. 64062. 64066. 64082. 64269. 64519. 64598. 64761. 65019. 65090. 65091. 65106. 65179. 65180. 65278. 65377. 65436. 65527. 65574. 65804. 66599. 67864.

#### Amendment Proceedings

The amendment proposed by Phillips Petroleum Company in respect of Patent application No. 59387 as advertised in the Gazette of India Part III, Section 2 dated the 5th December 1959 has been allowed.

**Renewal Fees Paid**

20778. 28034. 28824. 28882. 32322. 32364. 32452. 32466. 32579.  
 33022. 33082. 34546. 34672. 34820. 35319. 35320. 36300. 37225.  
 38326. 39402. 39431. 39432. 39468. 39469. 39472. 39509. 39528.  
 39552. 39579. 39596. 39598. 39733. 39734. 39939. 39957. 40227.  
 41041. 41125. 41126. 41185. 41207. 41208. 41220. 41237. 41317.  
 42872. 42897. 42957. 42994. 43093. 43191. 44474. 44811.  
 44841. 44897. 44941. 44944. 45032. 45041. 45119. 45197. 45212.  
 45361. 45502. 46357. 46932. 46956. 47009. 47017. 47018. 47042.  
 47043. 47095. 47104. 47109. 47117. 47225. 47497. 47684. 47931.  
 49165. 49296. 49302. 49323. 49327. 49340. 49367. 49370. 49409.  
 49420. 49433. 49434. 49435. 49436. 49439. 49473. 49481. 49498.  
 49514. 49515. 49516. 49532. 49561. 49647. 49661. 49662. 49747.  
 49748. 49826. 49992. 50556. 50936. 51366. 51563. 51640. 51694.  
 51735. 51736. 51788. 51814. 51827. 51877. 51925. 51974. 52246.  
 52637. 53644. 53825. 53871. 53985. 54010. 54070. 54088. 54131.  
 54167. 54221. 54249. 54288. 54318. 54534. 54591. 54649. 54656.  
 54750. 54768. 54884. 55077. 55198. 56781. 56782. 56794. 56817.  
 56838. 56858. 56904. 56909. 56942. 56958. 56959. 56962. 56971.  
 56980. 56991. 57008. 57017. 57028. 57060. 57061. 57135. 57142.  
 57186. 57201. 57214. 57273. 57310. 57328. 57330. 57332. 57338.  
 57384. 57391. 57399. 57405. 57409. 57502. 57528. 57572. 57582.  
 57817. 57904. 59584. 60000. 60115. 60125. 60196. 60221. 60222.  
 60230. 60246. 60448. 60757. 60758. 61464.

**Cessation of Patents**

27761. 36076. 36086. 36097. 38549. 38560. 40522. 41511. 52229.  
 44060. 46195. 48432. 50642. 55789. 55792. 55808. 55809. 55813.  
 55821.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 101483, Siri Ram, 1212 Bahadurgarh Road, Delhi 6, Indian Subject, "A water-pitcher", October 6, 1959.

Class 1. No. 102589, Shukdeo Narain Chaudhary, a Hindu, Indian subject of Vill. Mahadewan, P.O. Atmi, Distt. Shahabad (Arrah), Bihar, India, "Apparatus for the production of landscape outlines and other sketches", December 10, 1959.

Class 3. No. 101873, Bright Brothers Private Limited, Incorporated in India, 156A, Tardeo Road, City of Bombay, State of Bombay, India, "Mats". November 3, 1959.

Class 3. No. 102144, Avtar Singh Galla, 90/31, Malviya Nagar, New Delhi 17, (Indian Subject), "Switchless battery", November 17, 1959.

Class 3. No. 102145, Avtar Singh Galla, 90/31, Malviya Nagar, New Delhi, 17, (Indian Subject), "Switchless battery", November 17, 1959.

Class 3. No. 102193, Moto Plastics, Indian Partnership firm of Jehangir Mansions, 1st Marine Street, Fort, Bombay 1, City of Bombay, State of Bombay, India, "Pen stand-cum-scribbling pad", November 21, 1959.

Class 3. No. 102726, Bright Brothers Private Limited, Incorporated in India, 156A Tardeo Road, City of Bombay, State of Bombay, India, "Jugs", December 19, 1959.

Class 5. Nos. 101454 and 101455, Narayananchar Ranga Rao, Proprietor, N. Ranga Rao and Sons, Vasu Agarbathi Works, Post Box No. 52, Hundred Feet Road, Mysore, Indian Subject, "Carton", October 3, 1959.

Class 5. Nos. 102504 and 102505, Nanakram Parasram of Station Road, P.O. Barmer, Rajasthan, Indian subject, "Label", December 3, 1959.

Class 5. Nos. 102506 and 102507, Ram Krishna Singh, Proprietor of Sarpa Mrityu Laboratory of P.O. Jamraon, Dt. Fatehpur, U.P., Indian Subject, "Label", December 3, 1959.

Class 5. No. 102598, Sudha Waman Patil and Rekha Moreshwar Samant, trading as Adarsh Chemical Works, 13 Ash Lane, Dadar, Bombay 28, Indian subjects, "Labels", December 11, 1959.

Class 5. No. 102599, Sudha Waman Patil and Rekha Moreshwar Samant, trading as Adarsh Chemical Works, 13 Ash Lane, Dadar, Bombay 28, "Labels", December 11, 1959.

Class 5. No. 102735, Dedhia Hing Supplying Company, an Indian Partnership Firm of Mandvi, Bombay 9, Bombay State, India, "A wrapper", December 21, 1959.

Class 5. No. 102848, Sivaparangiri Nadar Ponnambala Jothi known as Siva Ponnambala Jothi, trading as "Karunanithi Industrial Works", 129, Muniehalai Road, Madurai, Madras State, a Citizen of the Indian Republic, "Labels", December 28, 1959.

Class 5. No. 103108, Muthu Palani Chettiar Alangaram Chettiar Thiagarajan Chettiar known as M. A. Thiagarajan Chettiar and Muthukaruppan Chettiar Alangaram known as M. A. Alangaram, trading as "Alavayan Handloom Textiles", 11/12, Jadamunkoil Street, Madurai, Madras State, Indian Subjects, "Labels", January 13, 1960.

Class 13. Nos. 101429 and 101435, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piece goods", September 30, 1959.

Class 13. Nos. 102223 to 102226, The Shree Niwas Cotton Mills Ltd., an Indian Firm of Delisle Road, Bombay 13, "Cotton piece goods", November 24, 1959.

Class 13. Nos. 102430, 102431, 102433 to 102449, 102452 and 102453, The Shree Niwas Cotton Mills Ltd., an Indian Firm of Delisle Road, Bombay 13, "Cotton piece goods" December 1, 1959.

Class 13. Nos. 102537 to 102539, The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier; Laxmi Building, Fort, Bombay, Indian Company "Textile piece goods", December 7, 1959.

Class 13. Nos. 102650 to 102661, Messrs. The Phoenix Mills Ltd., an Indian Company of Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", December 15, 1959.

Class 13. Nos. 102827 to 102831, The Arvind Mills Ltd., Naroda Road, Ahmedabad, 2, Indian Company, "Cotton textile fabrics", December 26, 1959.

Class 13. No. 102849, The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", December 28, 1959.

Class 13. Nos. 102903 to 102907, 102910 to 102913 and 102915 to 102930, Kesoram Cotton Mills Limited, Indian Company, 42, Garden Reach Road, Calcutta 24, "Textile goods", December 30, 1959.

Class 13. Nos. 102967 and 102968, Cadell Weaving Mill Co., Private Ltd., 400, Cadell Road, Bombay 28, Indian Co., "Art silk fabrics", December 31, 1959.

Class 13. Nos. 103003 to 103005, The Svadeshi Mills Co., Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", January 4, 1960.

Class 13. Nos. 102027 to 103033, Calico Dyeing and Printing Mills Private Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Indian Business Concern, (Private Limited Company), "Textile goods including silks and art-silk piece goods", January 4, 1960.

Class 13. Nos. 103142 to 103161, The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile goods", January 18, 1960.

Class 13. Nos. 103053 to 103057, The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", January 5, 1960.

Class 14. No. 103052, The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", January 5, 1960.

Class 14. Nos. 102450 and 102454, The Shree Niwas Cotton Mills Ltd., an Indian Firm of Delisle Road, Bombay 13, "Cotton piece goods", December 1, 1959.

Class 14. Nos. 102662 to 102666, Messrs. The Phoenix Mills Ltd., an Indian Company of Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", December 15, 1959.

**Copyright Extended for a Second Period of Five Years**

Design Nos. 83635, 82244, 82245, and 84925, Class 1.

Design Nos. 82964, 84171 and 84261, Class 5.

**Copyright Extended for a Third Period of Five Years**

Design Nos. 71898 and 71938, Class 3.

Design Nos. 82964, 84171 and 84261, Class 5.